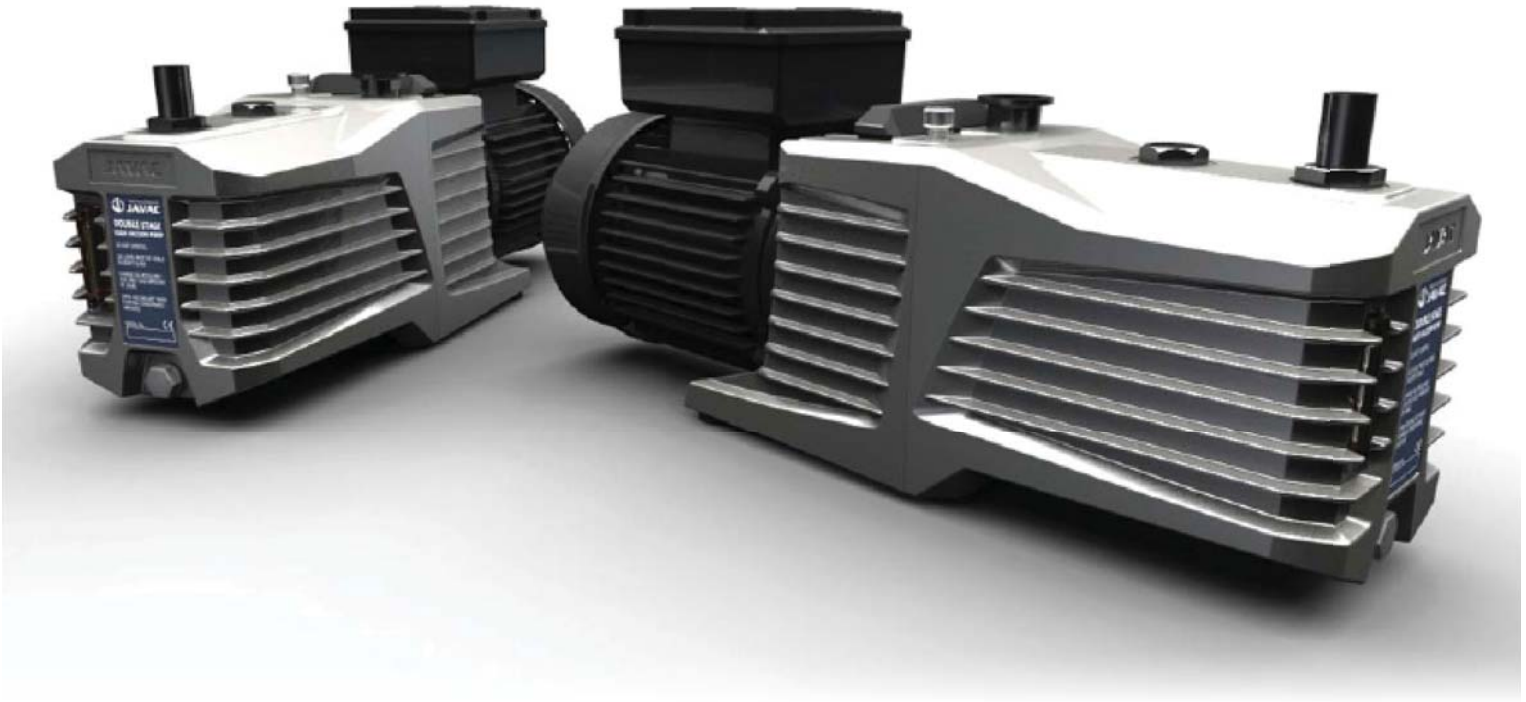


CASE STUDY / JAVAC / VACUUM PUMP PRODUCT DEVELOPMENT



BACKGROUND

Javac have a long established reputation for the manufacture of precision vacuum pumps for use in laboratory and industrial applications.

A new generation pump was required that incorporated several technology changes in a cast aluminium housing with enhanced styling.

SOLUTION

The two piece pressure diecast housing was developed to incorporate the primary vane pump and I/O manifold. Both components are precision CNC machined to tight tolerances and then pressure impregnated to eliminate porosity issues.

Components are matched in sets and powder coated prior to assembly. Parts are produced in small batch quantities using precision jigs to ensure consistency between batches.

The UNO graphics team developed product branding options suited for pad printing on the finished parts together with alternative colour schemes.

SERVICES

- Concept Design
- Detailed Engineering Design
- Production Documentation
- Vendor Sourcing



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